

ADDITIONS TO THE FISH FAUNA OF WESTERN AUSTRALIA

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Fifteen fishes, previously unrecorded from the State, are added to the fish fauna of Western Australia.

MURAENIDAE

Echidna nebulosa (Ahl). Weber & de Beaufort, 1916, p. 348, fig. 170; Schultz 1953, p. 104, fig. 21e, plate 6B. Three specimens from Thevenard Island, off Onslow, August 8, 1963, collected by author, P 8432 to P 8434, total length 334, 262, 170 mm. New to Western Australia. In Australia previously known from Queensland and northern New South Wales.

BELONIDAE

Belone krefftii Günther. Mees 1962, p. 43, fig. 2. One specimen from the Ord River, collected by Mr. T. Drage, August, 1963. P 7250, total length 415 mm., standard length 373 mm. Previously known from Queensland, Northern Territory and New Guinea. Marshall (1964, p. 96) states that it is a very common river species which swarms in the streams of North Queensland, especially far up in the fresh waters.

SOLENICHTHYIDAE

Solenichthys cyanopterus (Bleeker). Weber & de Beaufort 1922 p. 26, fig. 13. Two specimens from Shark Bay collected by author. P 8139, female, total length 105 mm., standard length 75 mm., with ova in brood pouch, trawled in 3 fathoms by F.R.V. *Peron* on weed area north of Sunday Island, May 1, 1960. P. 7219, female, total length 143 mm., standard length 105 mm., with hatched ova in brood pouch; trawled by try net from stern of dinghy, in 1 fathom, near mouth of Gaseoyne River, August, 1960. In Australia previously recorded from a 4 inch specimen taken among seaweeds, Green Island, North Queensland (Whitley & Allen 1958, p. 64).

SERRANIDAE

Cephalopholis miniatus (Forskål). Weber & de Beaufort 1931, pp. 30-32; Katayama 1960, pp. 62-63, plate 42. One specimen from Little Rat Island, Houtman's Abrolhos, speared by Mr. R. Muller, May 3, 1964. P 7104, total length 390 mm., standard length 320 mm. A species with a wide distribution, previously recorded from Queensland.

CARANGIDAE

Ulua mandibularis (Macleay). Weber and de Beaufort 1931, p. 266, fig. 51. One specimen, from Maud Landing, speared by Mr. R. Muller, May 5, 1965, P 12973, total length 855 mm., standard length 690 mm. Previously recorded from North Queensland, Northern Territory and New Guinea. Figure 1 shows the body form of the adult, previous illustrations have been of juveniles.

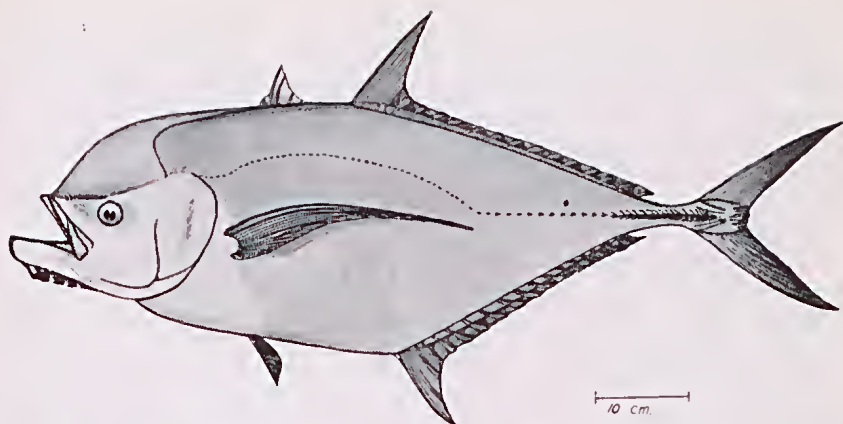


Fig. 1.—*Ulua mandibularis* (Macleay), an adult specimen from Western Australia.

MENIDAE

Mene maculata (Bloeh & Schneider). Weber & de Beaufort 1931, p. 309, fig. 66. One specimen from Ashburton Area, Onslow, trawled by W. and W. Poole, on L.F.B. *Bluefin*, September, 1964. P 8613, total length 75 mm., standard length 66 mm. A wide-ranging species, in Australia previously known from Queensland.

PEMPHERIDAE

Parapriacanthus elongatus (McCulloch). McCulloch 1911, pp. 47, 48, plate 4, fig. 1. One specimen from Cottesloe Bank, collected by author on F.R.V. *Peron*, trawled in 7 fathoms, April 17, 1960. P 8216, total length 69 mm., standard length 55 mm. Endemic to Australia, previously recorded from South Australia, Victoria and Tasmania, where the species is trawled from depths of about 40 fathoms.

LABRIDAE

Stethojulis axillaris (Quoy & Gaimard). de Beaufort 1940, p. 167, fig. 28; Schultz 1960, p. 212, plate 100 E. One specimen, P 12165, total length 93 mm., standard length 75 mm., collected by author, February 23, 1962, South Passage, Shark Bay. Two specimens from Point Quobba, north of Carnarvon, collected by Mr. A. Dawson, September 1, 1964, P 8360-61, total lengths 55, 61 mm., standard lengths 44, 50 mm. In Australia previously recorded from North Queensland.

Halichoeres margaritaceus (Cuvier & Valenciennes). de Beaufort 1940, p. 216; Schultz 1960, p. 231, fig. 103, plate 102 D. One specimen from Point Quobba, north of Carnarvon, collected by Mr. A. Dawson, September 1, 1964. P 8362, total length 59 mm., standard length 49 mm. In Australia previously known from Queensland.

SCARIDAE

Leptoscarus vaigiensis (Quoy & Gaimard). de Beaufort 1940, p. 257, fig. 38; Schultz 1958, p. 126, plate 4 A, 25 A and B. One male specimen from North Island, Houtman's Abrolhos, collected by Mr. Gray, March 5, 1965. P 12154, total length 328 mm., standard length 260 mm. In Australia previously recorded from Queensland.

ACANTHURIDAE

Acanthurus grammoptilus Richardson. Randall 1956, p. 211, figs. 2V, 20; Taylor 1964, p. 275. Four specimens from Point Quobba, north of Carnarvon. Three specimens, P 7393-95, total lengths 122, 154, 170 mm., standard lengths 97, 118, 125 mm., collected by Mr. F. Barrett-Lennard, October 1959. One specimen, P 8322, total length 144 mm., standard length 108 mm., collected by Mr. A. Dawson, August 1964. In Australia previously recorded from Northern Territory. Scott (1959, p. 83) records *Acanthurus doreensis* Cuvier & Valenciennes, from Point Samson, this record probably refers to *A. grammoptilus* (see Randall, 1956, p. 227).

SOLEIDAE

Zebrias craticula (McCulloch). McCulloch 1916, p. 62, plate 9, fig. 1. One specimen from Shark Bay, collected by author, May 22, 1962. P 5515, total length 142 mm. Previously known from North Queensland.

BALISTIDAE

Balistes aculeatus Linnacus. de Beaufort 1962, p. 303. One specimen from Gnaraloo Station area, north of Carnarvon, collected by Mr. R. M. Walker, December 1960. P 7583, total length 245 mm., standard length 210 mm. A well-known species; in Australia previously recorded from Queensland.

Balistes fuscus Bloch & Schneider. de Beaufort 1962, p. 305. One specimen from Ningaloo, near Point Cloates, collected by Mr. R. M. Walker, April 1962. P 11751, total length 283 mm., standard length 244 mm. In Australia previously known from Queensland.

MONACANTHIDAE

Oxymonacanthus longirostris (Bloch & Schneider). de Beaufort 1962, p. 336, fig. 76. Twenty specimens from Point Quobba, north of Carnarvon. Six specimens, P 7967-72, total lengths 68, 73, 74, 75, 75, 79 mm., collected by Mr. F. Barrett-Lennard, October 1959. One specimen, P 6161, total length 59 mm., collected by Mr. E. J. Car, November 17, 1961. One specimen, P 6249, total length 67 mm., collected by Mr. E. J. Car and Mr. A. Dawson, November 18, 1961. Four specimens, P 8140-43, total lengths 38, 39, 42, 46 mm., collected by Mr. E. J. Car, May 1962. Six specimens, P 6036-41, total lengths 60, 62, 64, 67, 69, 71 mm., collected by Mr. E. J. Car, August 1962. Two specimens P 8323-24, total lengths 80, 89 mm., collected by Mr. A. Dawson, September 1, 1964. In Australia previously known from Queensland.

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A HISTORICAL NOTE ON THE GREY-HEADED HONEY-EATER, *MELIPHAGA KEARTLANDI*.

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Compared with most other Australian birds the known history of the Grey-headed Honey-eater, *Meliphaga keartlandi*, is short and simple. The species was described in 1895 by North, from specimens taken in the previous year by Keartland, collector with the Horn Expedition to central Australia.

Later it transpired that Carter had known the species, from 1890 onwards, in the area of Point Cloates (see Mathews, 1924), but there is certainly no published record from before that time. Therefore the presence in the Leiden Museum of a specimen of